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	Filing Date	2003-11-21 or Namit JAIN 2166		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	First Named Inventor Namit		nit JAIN	
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(Not for Submission under 57 Of K 1.55)	Examiner Name	Chani	navajjala, Srirama T.	
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/KP/	1	6643633	B2	2003-11	-04	Chau et al.					•
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Examiner Initial*	Cite . No	Foreign Document Number ³	Country Code ²		Kind Code⁴	Publication Date	Name of Patentee Applicant of cited Document	e or F	where Rel	or Relevant	T5
/KP/	1	60-218142	JP			1985-10-31	Hitachi LTD.				×
/KP/	2	2-165353	JP			1990-06-26	Fujitsu LTD.				×
/KP/	3	8-249159	JP			1996-09-27	Fujitsu LTD.				×

Application Number		10718823				
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•	4	2005022415	wo	A1	2005-03-10	Oracle International Corporation				
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/KP/	1	INFORMIX CORPORAT	ION "Universal Da	ata Optic	on for Informix D	ynamic Server", 1998, 8 pag	ges			
/KP/	2		DRACLE CORPORATION "10.1. What is the Direct Path?" from Oracle SQL*Loader: The Definitive Guide, 2001, 29 ogs., published by O'Reilly & Associates.							
/KP/	3	(9.2), 29 pgs., Copyright	ORACLE CORPORATION "Conventional and Direct Path Loads" Chapt. 9 from Oracle 9i Database Utilities Release 2 (9.2), 29 pgs., Copyright 2002 Oracle Corporation. Available online at http://www.utexas.edu/its/unix/reference/oracledocs/v92/B10501_01/server.920/a96652/ch09.htm							
/KP/	4		2). Copyright 199			pes" from Oracle9i SQLJ De e at http://www.lc.leidenuniv				
/KP/	5	SUN MICROSYSTEMS docs/api/javax/sql/rowse	'SerialJavaObject Vserial/SerialJava	(Java 2 Object.h	Platform SE 5.0 tml. Accessed /)", available online at http://j April 8, 2006. Copyright 200	iava.sun.com/j2se/1.5.0/ 04 Sun Microsystems			
/KP/	6	CHEN, R-S, et al. "Devel 1st Int'l Symposium on Ir	oping an XML Fra Iformation and Co	ımework mmunic	for Metadata Syation, pp. 267-2	ystem" Trinity College, Dubli 72	in, Proceedings of the			
/KP/	7	IPEDO, Inc., "Ipedo XML	Database 3.1: D	evelope	r's Guide" 2001,	XP-002306148, 12 pages				
/KP/	8	LI, X. "A Survey of Scher	na Evolution in Ot	oject-Ori	ented Database	s" IEEE, 1999, pp. 362-371				

Application Number		10718823			
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First Named Inventor Namit		t JAIN			
Art Unit		2166			
Examiner Name	Chan	navajjala, Srirama T.			
Attorney Docket Number		OI7035742001			

	9	Mack	KENZIE, D. et al. "Finding Files" GNU Findutils Version 4.1.2, No	ovember 1994, 38 pgs.						
/KP/	10		OLESCU, D., Review of "Metadata solutions: using metamodel rate information on demand by Adrienne Tannebaum", ACM Pro							
/KP/	11		LUSKEY, G. "Using Java Reflection" January, 1998, 8 pgs., ava nicalArticles/ALT/Reflection/	ilable online at http://java	.sun.com/developer/					
/KP/	12	PARI	KERSON, C. "Ipedo XML Database 3.1 Now Available" July 22,	2002, XP-002306149, pp	o. 1-2					
/KP/	13		RASHID, A. "A Framework for Customisable Schema Evolution in Object-Oriented Databases" Proceedings of the 7th Int'l Database Engineering and Applications Symposium (IDEAS'03), IEEE, 2003, 5 pages							
/KP/	14	RIGG	RIGGS, R. et al. "Pickling State in the Java™ System" XP002128178, 10 pages							
/KP/	15		NOSKI, D. "Java programming dynamics, Part 2: Introducing re- -128.ibm.com/developerworks/library/j-dyn0603/	flection* June 3, 2003. /	Available online at http://					
/KP/	16	SU, H	H. et al. "XEM: XML Evolution Management" January, 2002, XP	-002306151, pp. 1-32						
If you wis	h to a	dd add	ditional non-patent literature document citation information	n please click the Add I	outton Add					
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Application Number		10718823			
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				Attorney Docket Numb	er	OI7035742001	OI7035742001			
	1		INS, S., Oracle Corporation er, 2002, Part No. A96620-					0.2),		
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/KP/	1	20020078068	A1	2002-06	S-20	Krishnaprasad et al.					
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Art Unit		2166			
Examiner Name Chan		navajjala, Srirama T.			
Attorney Docket Number		OI7035742001			

				·			
/KP/ 1 HIGGINS, S., Oracle Corporation, "Oracle9i, XML Database Developer's Guide - Oracle XML DB* Release 2 (9.2), October, 2002, Part No. A96620-02, Chapter 21-Index.							
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/KP/	2	20050228818	A1	2005-10) -1 3	Murthy et al.					
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/KP/	1	TÜRKER, C., "Schema Evolution in SQL-99 and Commercial (Object-) Relational DBMS" 9th Int'l Workshop on Foundations of Models and Languages for Data and Objects Fomlado/Demm 2000, September 18, 2000, XP-002306150, pp. 1-32	
/KP/	2	WANG, Y. et al. "X-Diff: An Effective Change Detection Algorithm for XML Documents" Proceedings of the 19th Int'l Conference on Data Engineering (ICDE'03), IEEE, 2003, pp. 519-530	
/KP/	3	Written Opinion for PCT/US2004/027464 dated December 8, 2004, 6 pgs.	
/KP/	4	International Preliminary Report on Patentability for PCT/US2004/027464 dated December 23, 2005, 13 pgs.	
/KP/	5	Japan Patent Office "Notice of Ground of Rejection" with English translation, application 569322/2000, dated April 27, 2005, 6 pgs.	X
/KP/	6	Office Action dated April 14, 2006 for US Serial No. 10/648,600.	
/KP/	7	Office Action dated October 11, 2006 for US Serial No. 10/648,600.	
/KP/	8	Examiner's Answer dated August 9, 2007 for US Serial No. 10/648,600.	
/KP/	9 .	Office Action dated April 17, 2006 for US Serial No. 10/648,577.	
/KP/	10	Office Action dated October 30, 2006 for US Serial No. 10/648,577.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10718823 Filing Date 2003-11-21 First Named Inventor Namit JAIN Art Unit 2166 Examiner Name Channavajjala, Srirama T. Attorney Docket Number 017035742001

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